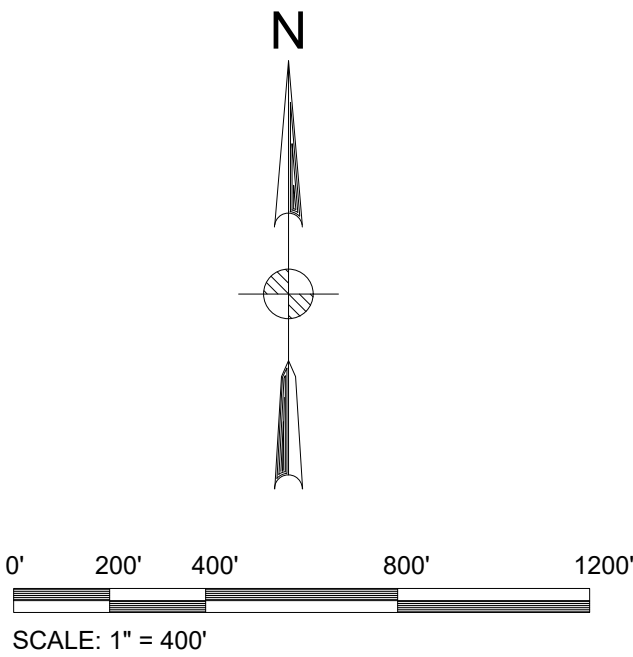


GREYCOURT ROAD SOLAR PROJECT

SITE DRAWINGS

190 GREYCOURT ROAD
CHESTER, NY 10918



APPLICANT
NY SOLAR 1001, LLC
SCOTT GREENBERG
501 BOYLSTON STREET
BOSTON, MA 02116

ENGINEER
MOTT MACDONALD NY, INC.
438 MAIN STREET, #300
BUFFALO, NY 14202

I HEREBY GRANT APPROVAL TO THIS PLAN

SIGNATURE: _____ DATE: _____

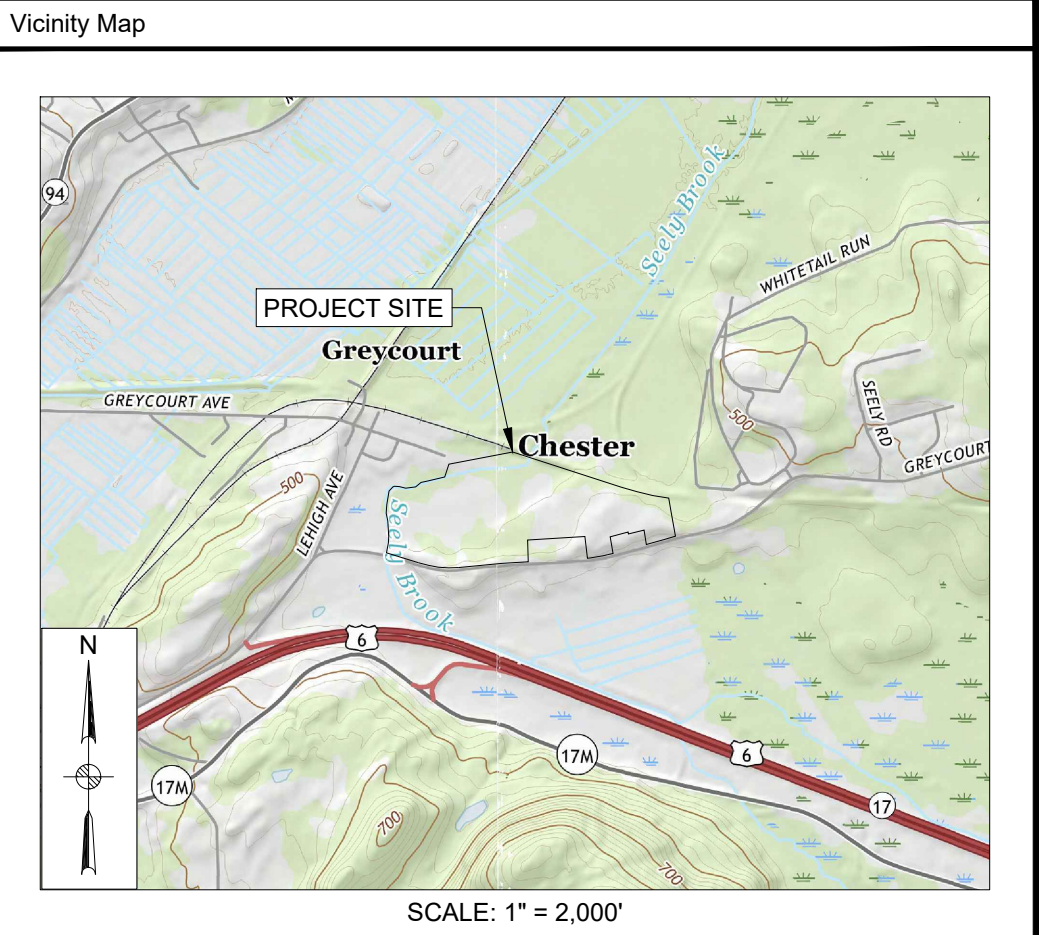
OWNER: _____

APPROVED BY THE PLANNING BOARD
TOWN OF CHESTER, ORANGE COUNTY, N.Y.

DATE: _____ MEMBER: _____

MEMBER: _____

TAX ID: 3-1-72



Site Data		
PARCEL GRID # PID 3-1-72	PROPERTY OWNER GARY F. JOHNSON	SITE ADDRESS 190 GREYCOURT ROAD CHESTER, NY 10918
JURISDICTION TOWN OF CHESTER	ZONING OFFICE PARK (OP)	ACRES 22.9
CAPACITY (AC) 4.1 MW	CAPACITY (DC) 5.1 MWp	

Drawing List	
C-001:	COVER SHEET
C-101:	EXISTING CONDITIONS
C-201:	SITE PLAN
C-202:	LANDSCAPING PLAN (1 OF 5)
C-203:	LANDSCAPING PLAN (2 OF 5)
C-204:	LANDSCAPING PLAN (3 OF 5)
C-205:	LANDSCAPING PLAN (4 OF 5)
C-206:	LANDSCAPING PLAN (5 OF 5)
C-401:	GENERAL NOTES
C-402:	CIVIL DETAILS
C-403:	CIVIL DETAILS
C-404:	CIVIL DETAILS
C-405:	ROAD DETAILS
C-406:	ACCESS ROAD PLAN AND PROFILE

Rev	Date	Drawn	Description	Ch'k'd	App'd
E	4/8/22	DOW	ISSUED FOR PERMIT	EMC	CC
D	2/4/22	DOW	ISSUED FOR PERMIT	EMJ	CC
C	12/28/21	DOW	ISSUED FOR PERMIT	EMJ	CC
B	10/29/21	DOW	ISSUED FOR PERMIT	SEP	CC
A	10/14/21	DOW	ISSUED FOR PERMIT	SEP	CC

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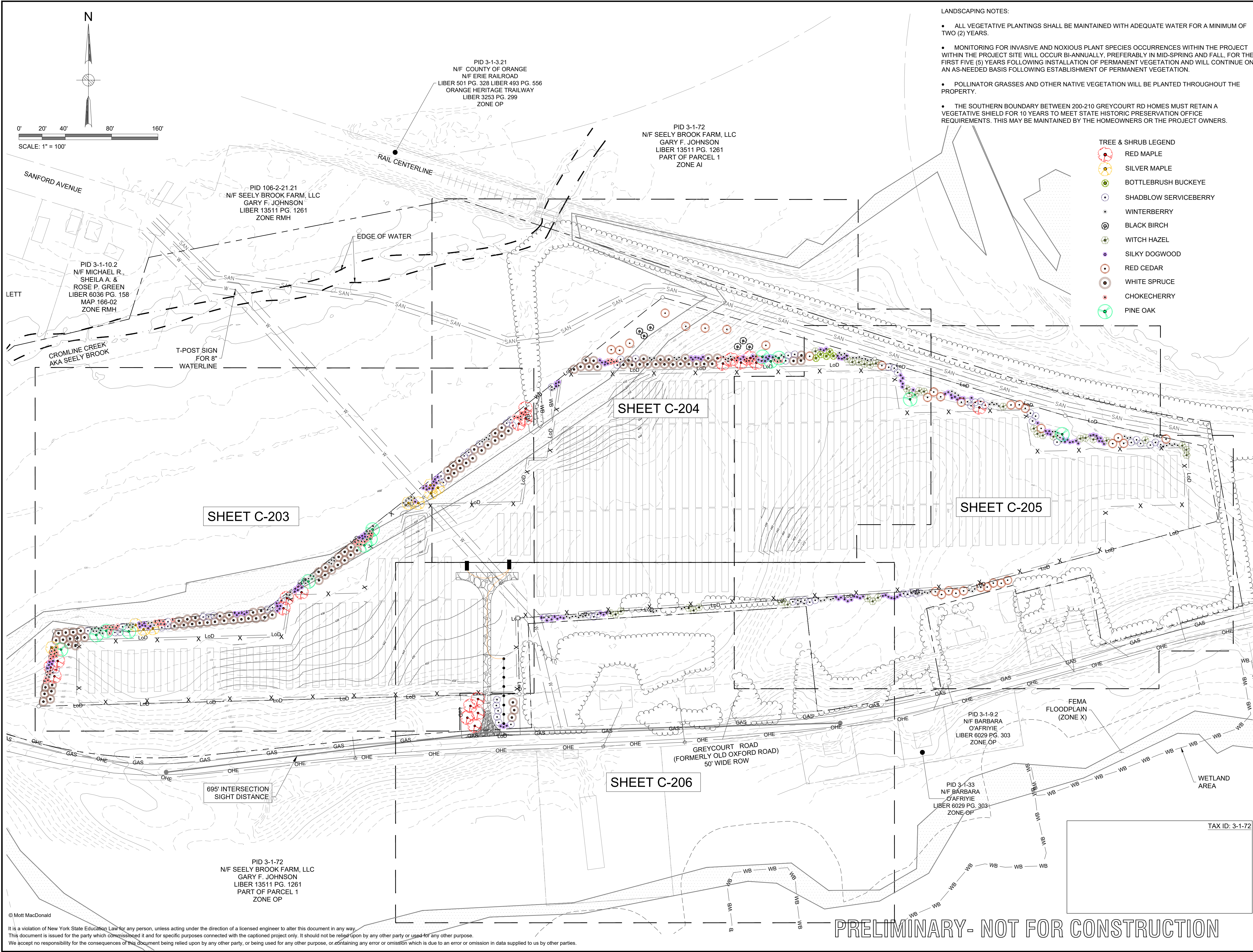
Client **NY SOLAR 1001, LLC**

Title **GREYCOURT ROAD SOLAR PROJECT
COVER SHEET**

Designed	EMJ	Check	EMJ
Drawn	DOW	Approved	CC
	SEP		
Scale at ANSI D AS SHOWN	Date 2/4/2022	Rev E	
Drawing Number	C-001		

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Vicinity Map

SCALE: 1" = 2,000'

Site Data

PARCEL GRID #	PROPERTY OWNER	SITE ADDRESS
PID 3-1-72	GARY F. JOHNSON	190 GREYDCOURT ROAD CHESTER, NY 10918
JURISDICTION	ZONING	ACRES
TOWN OF CHESTER	OFFICE PARK (OP)	22.9

PROJECT BOUNDARY

EXISTING SETBACK

EXISTING TREELINE

EXISTING OVERHEAD ELECTRIC LINE

EXISTING RIGHT OF WAY

EXISTING ROADWAY

PROPOSED ACCESS ROAD

PROPOSED DETENTION AREA

PROPOSED LAYDOWN AREA

PROPOSED FENCE

PROPOSED LIMITS OF DISTURBANCE

WETLAND HATCH

C	4/8/22	JRH	ISSUED FOR PERMIT	EMC	CC
B	2/4/22	JWD	ISSUED FOR PERMIT	EMJ	CC
A	1/28/21	JWD	ISSUED FOR PERMIT	EMJ	CC
Rev	Date	Drawn	Description	Ch'k'd	App'd

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Client
NY SOLAR 1001, LLC

Title
GREYDCOURT ROAD SOLAR PROJECT
LANDSCAPING PLAN (1 OF 5)

Designed
EMJ

Check
EMJ

Drawn
DOW

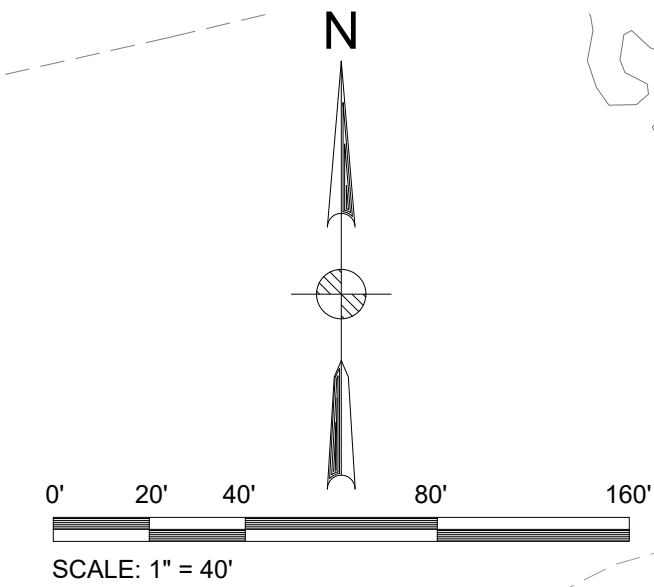
Approved
CC

Scale at ANSI D
1" = 100'

Date
2/4/2022

Rev
C

Drawing Number
C-202



LANDSCAPING NOTES:

- ALL VEGETATIVE PLANTINGS SHALL BE MAINTAINED WITH ADEQUATE WATER FOR A MINIMUM OF TWO (2) YEARS.
- MONITORING FOR INVASIVE AND NOXIOUS PLANT SPECIES OCCURRENCES WITHIN THE PROJECT WITHIN THE PROJECT SITE WILL OCCUR BI-ANNUALLY, PREFERABLY IN MID-SPRING AND FALL, FOR THE FIRST FIVE (5) YEARS FOLLOWING INSTALLATION OF PERMANENT VEGETATION AND WILL CONTINUE ON AN AS-NEEDED BASIS FOLLOWING ESTABLISHMENT OF PERMANENT VEGETATION.
- POLLINATOR GRASSES AND OTHER NATIVE VEGETATION WILL BE PLANTED THROUGHOUT THE PROPERTY.
- THE SOUTHERN BOUNDARY BETWEEN 200-210 GREYCOURT RD HOMES MUST RETAIN A VEGETATIVE SHIELD FOR 10 YEARS TO MEET STATE HISTORIC PRESERVATION OFFICE REQUIREMENTS. THIS MAY BE MAINTAINED BY THE HOMEOWNERS OR THE PROJECT OWNERS.

PLANT SCHEDULE

	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER
SHADE TREES					
	15	ACER RUBRUM	RED MAPLE	2 1/2" - 3" CAL.	B&B
	10	ACER SACCHARINUM	SILVER MAPLE	2 1/2" - 3" CAL.	B&B
	12	QUERCUS PALUSTRIS	PIN OAK	2 1/2" - 3" CAL.	B&B
CONIFER					
	22	JUNIPERUS VIRGINIANA	RED CEDAR	5' - 6'	B&B
	96	PICEA GLAUCA	WHITE SPRUCE	7' - 8'	B&B
ORNAMENTAL TREES					
	60	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	7' - 8'	B&B
	6	BETULA LENTA	BLACK BIRCH	8' - 10'	B&B
	45	HAMAMELIS VIRGINIANA	WITCHHAZEL	5' - 6'	B&B
SHRUBS					
	7	AESCULUS PARYLORA	BOTTLEBRUSH	30"-36"	B&B
	132	CORNUS AMOMUM	SILKY DOGWOOD	30"-36"	B&B
	138	ILEX VERTICILLATA	WINTERBERRY HOLLY	30"-36"	B&B
	63	PRUNUS VIRGINIANA	CHOKECHERRY	4' - 5'	B&B

PID 3-1-72
N/F SEELY BROOK FARM, LLC
GARY F. JOHNSON
LIBER 13511 PG. 1261
PART OF PARCEL 1
AREA = 2,397,610 SQ.FT.
OR 55.041 ACRES
ZONE OP

APPROXIMATE WATERLINE LOCATION
PER VILLAGE OF CHESTER WATER
COMMISSIONER AND FIELD LOCATION

ASSUMED 300
WIDE WATERLINE
EASEMENT
CENTERED

PROPOSED EQUIPMENT PAD
WITH PV INVERTER, XFMR, AND
GROUNDING XFMR

PROPOSED EQUIPMENT PAD
WITH PV INVERTER AND XFMR

DEPTH OF WATER LINE TO BE VERIFIED BEFORE ROAD CONSTRUCTION BEGINS

249' (3) 400 KCMIL AL

R300'-0" (TYP.)

PROPOSED GRADING NOT TO EXCEED 15% SLOPES (TYP.)

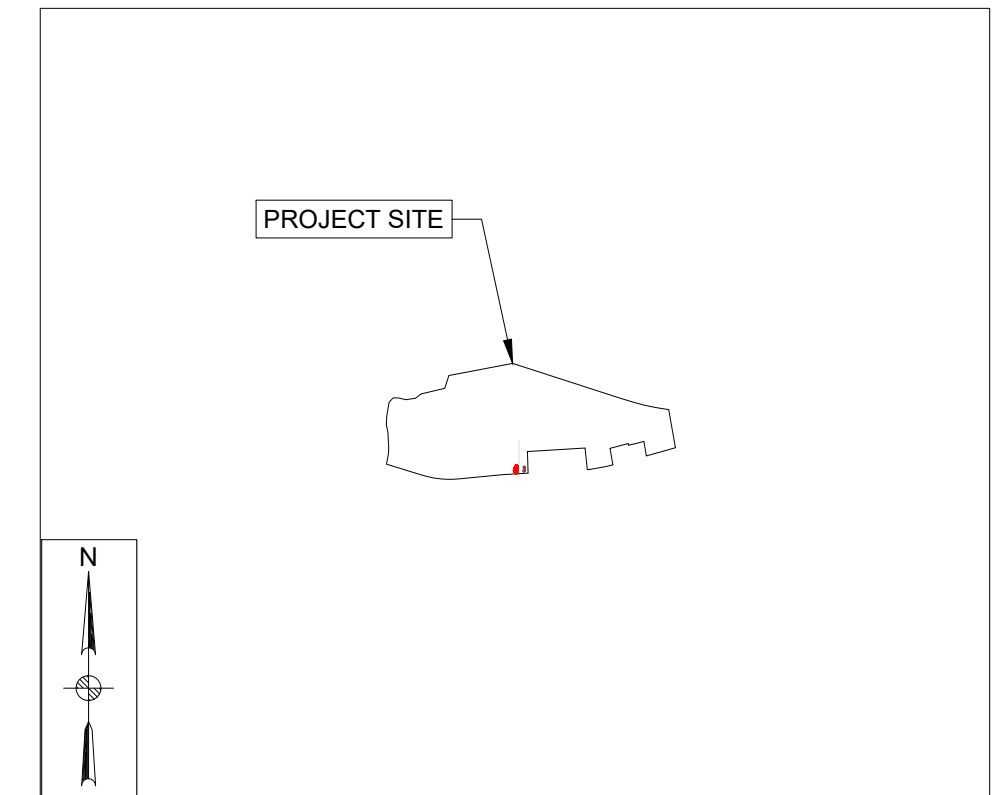
PV ARRAY (TYP.)

PROPOSED 16" WIDE PERVIOUS MAINTENANCE DRIVE,
REFER SHEET C-405.

24' WIDE ACCESS GATE

LEASE PARCEL
AREA = 996,760 SQ.FT.
OR 22.882 ACRES

Vicinity Map



Site Data

PARCEL GRID # PID 3-1-72	PROPERTY OWNER GARY F. JOHNSON	SITE ADDRESS 190 GREYCOURT ROAD CHESTER, NY 10918
JURISDICTION TOWN OF CHESTER	ZONING OFFICE PARK (OP)	ACRES 22.9

Legend

	PROJECT BOUNDARY
	EXISTING SETBACK
	EXISTING TREELINE
	EXISTING OVERHEAD ELECTRIC LINE
	EXISTING RIGHT OF WAY
	EXISTING ROADWAY
	PROPOSED ACCESS ROAD
	PROPOSED DETENTION AREA
	PROPOSED LAYDOWN AREA
	PROPOSED FENCE
	PROPOSED LIMITS OF DISTURBANCE
	WETLAND HATCH

B	4/8/22	JRH	ISSUED FOR PERMIT	EMC	CC
A	2/4/22	JWD	ISSUED FOR PERMIT	EMJ	CC
Rev	Date	Drawn	Description	Ch'k'd	App'd

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Client
NY SOLAR 1001, LLC

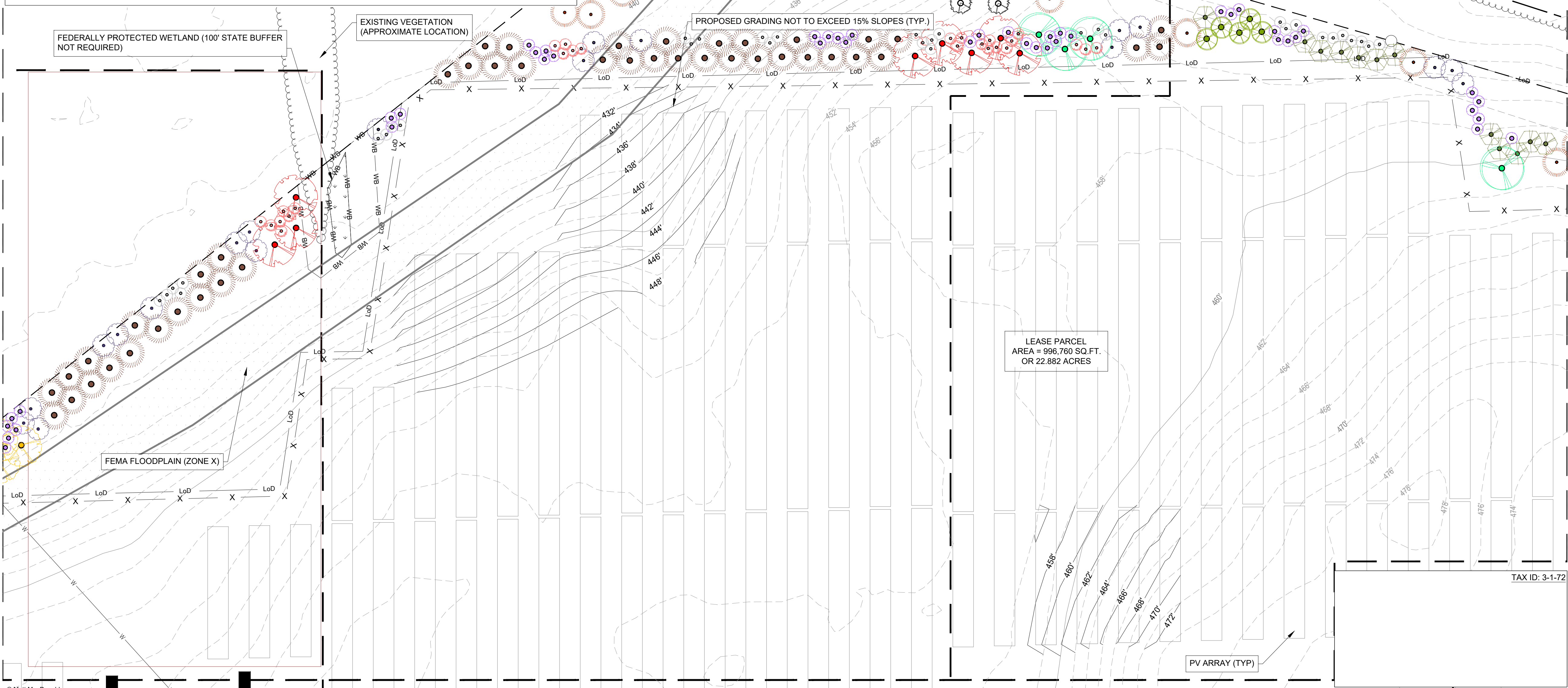
Title
**GREYCOURT ROAD SOLAR PROJECT
LANDSCAPING PLAN (2 OF 5)**



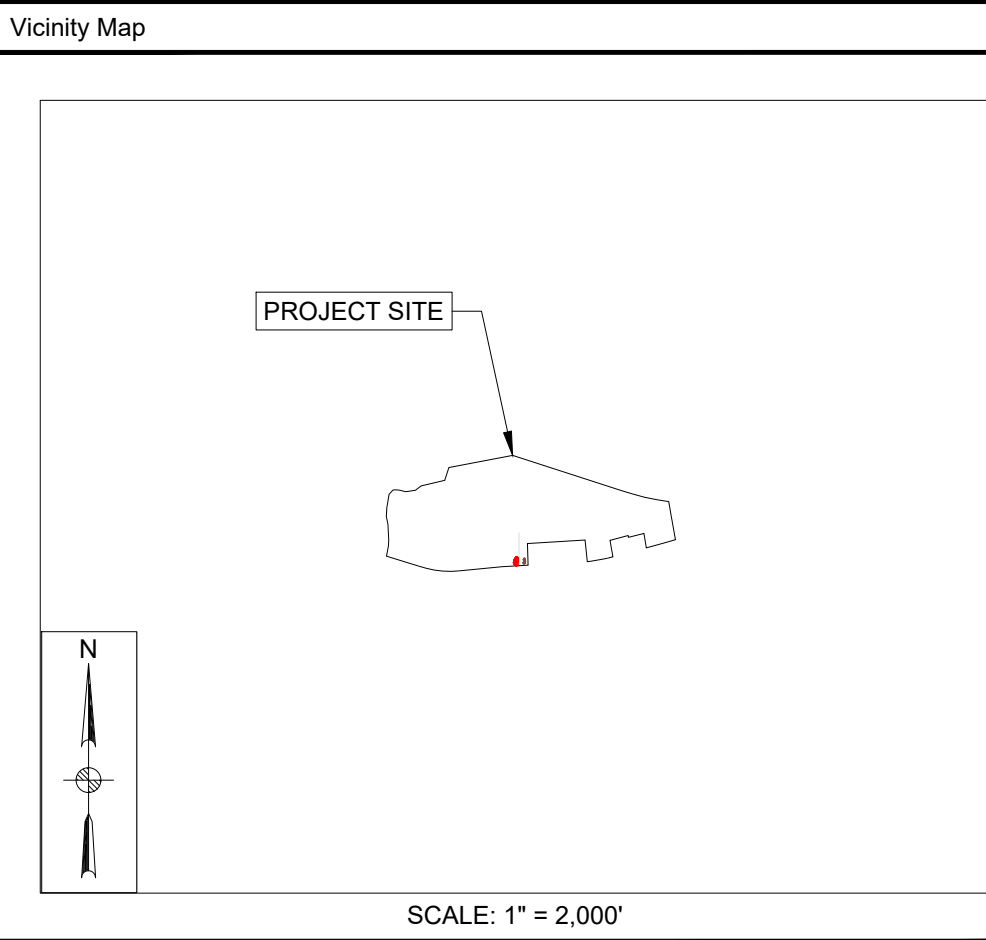
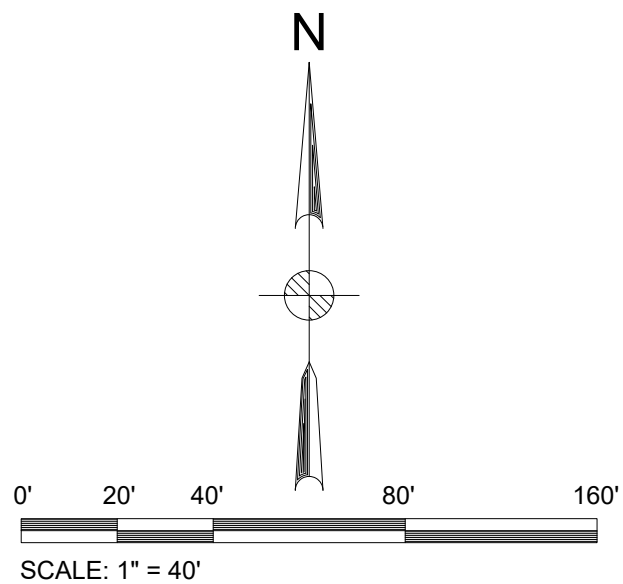
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Drawn	DOW	Approved	CC
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Drawing Number	C-203		

PRELIMINARY- NOT FOR CONSTRUCTION







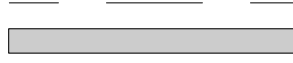
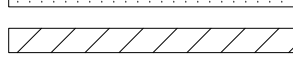




PLANT SCHEDULE					
	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER
SHADE TREES					
	20	ACER RUBRUM	RED MAPLE	2 1/2" - 3" CAL.	B&B
	9	ACER SACCHARINUM	SILVER MAPLE	2 1/2" - 3" CAL.	B&B
	13	QUERCUS PALUSTRIS	PIN OAK	2 1/2" - 3" CAL.	B&B
CONIFER					
	32	JUNIPERUS VIRGINIANA	RED CEDAR	5' - 6'	B&B
	96	PICEA GLAUCA	WHITE SPRUCE	7' - 8'	B&B
ORNAMENTAL TREES					
	70	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	7" - 8"	B&B
	6	BETULA LENTA	BLACK BIRCH	8" - 10"	B&B
	36	HAMAMELIS VIRGINIANA	WITCHHAZEL	5' - 6'	B&B
SHRUBS					
	5	AESCULUS PARVIFLORA	BOTTLEBRUSH	30"-36"	B&B
	141	CORNUS AMOMUM	SILKY DOGWOOD	30"-36"	B&B
	132	ILEX VERTICILLATA	WINTERBERRY HOLLY	30"-36"	B&B
	62	PRUNUS VIRGINIANA	CHOKECHERRY	4' - 5'	B&B




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Site Data		
PARCEL GRID # PID 3-1-72	PROPERTY OWNER GARY F. JOHNSON	SITE ADDRESS 190 GREYCOURT ROAD CHESTER, NY 10918
JURISDICTION TOWN OF CHESTER	ZONING OFFICE PARK (OP)	ACRES 22.9

Legend	
	PROJECT BOUNDARY
	EXISTING SETBACK
	EXISTING TREELINE
	EXISTING OVERHEAD ELECTRIC LINE
	EXISTING RIGHT OF WAY
	EXISTING ROADWAY
	PROPOSED ACCESS ROAD
	PROPOSED DETENTION AREA
	PROPOSED LAYDOWN AREA
	PROPOSED FENCE
	PROPOSED LIMITS OF DISTURBANCE
	WETLAND HATCH

Rev	Date	Drawn	Description	Ch'k'd	App'd
B	4/8/22	JRH	ISSUED FOR PERMIT	EMJ	CC
A	2/4/22	JWD	ISSUED FOR PERMIT	EMJ	CC




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Client **NY SOLAR 1001, LLC**

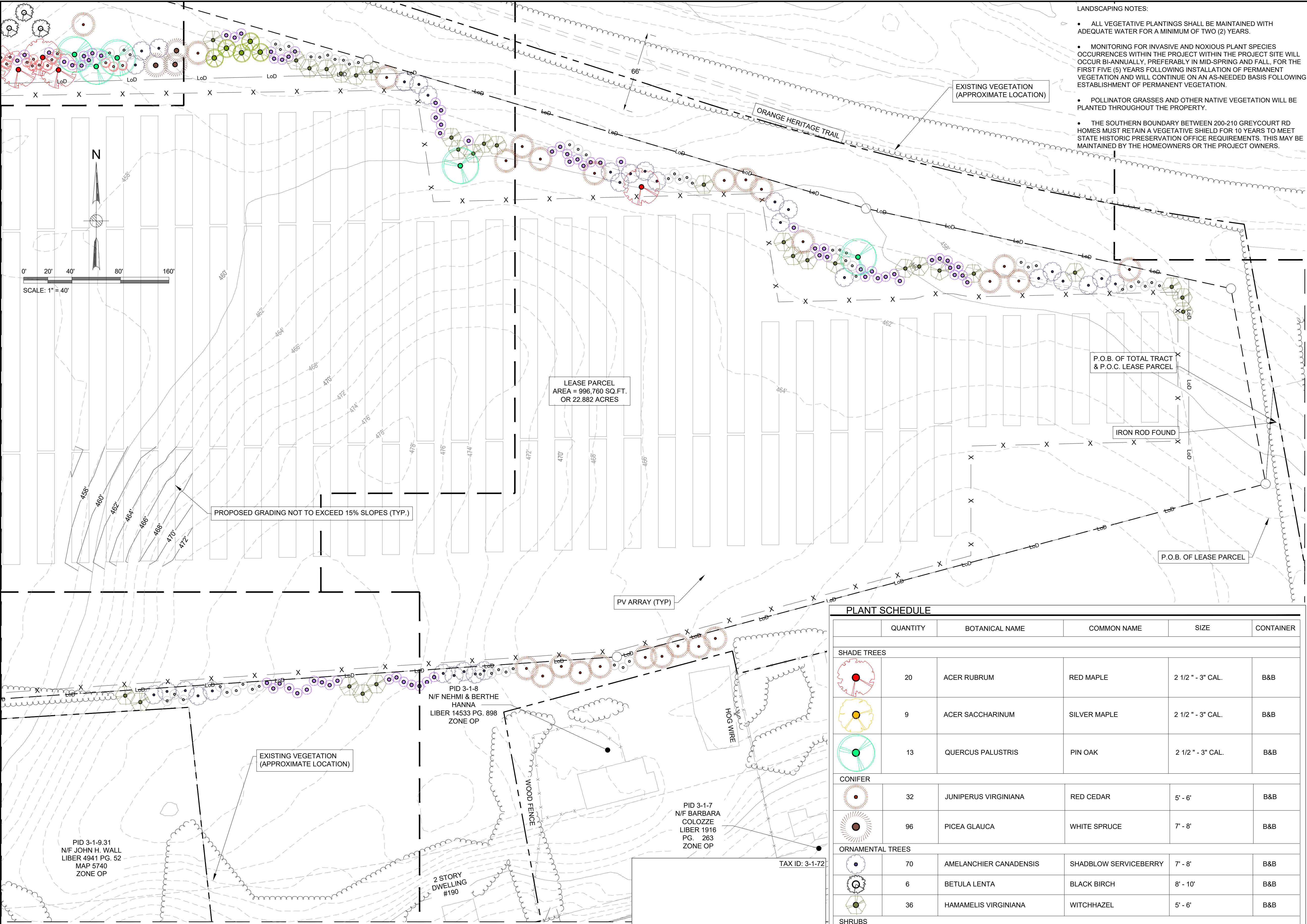
Title **GREYCOURT ROAD SOLAR PROJECT
LANDSCAPING PLAN (3 OF 5)**



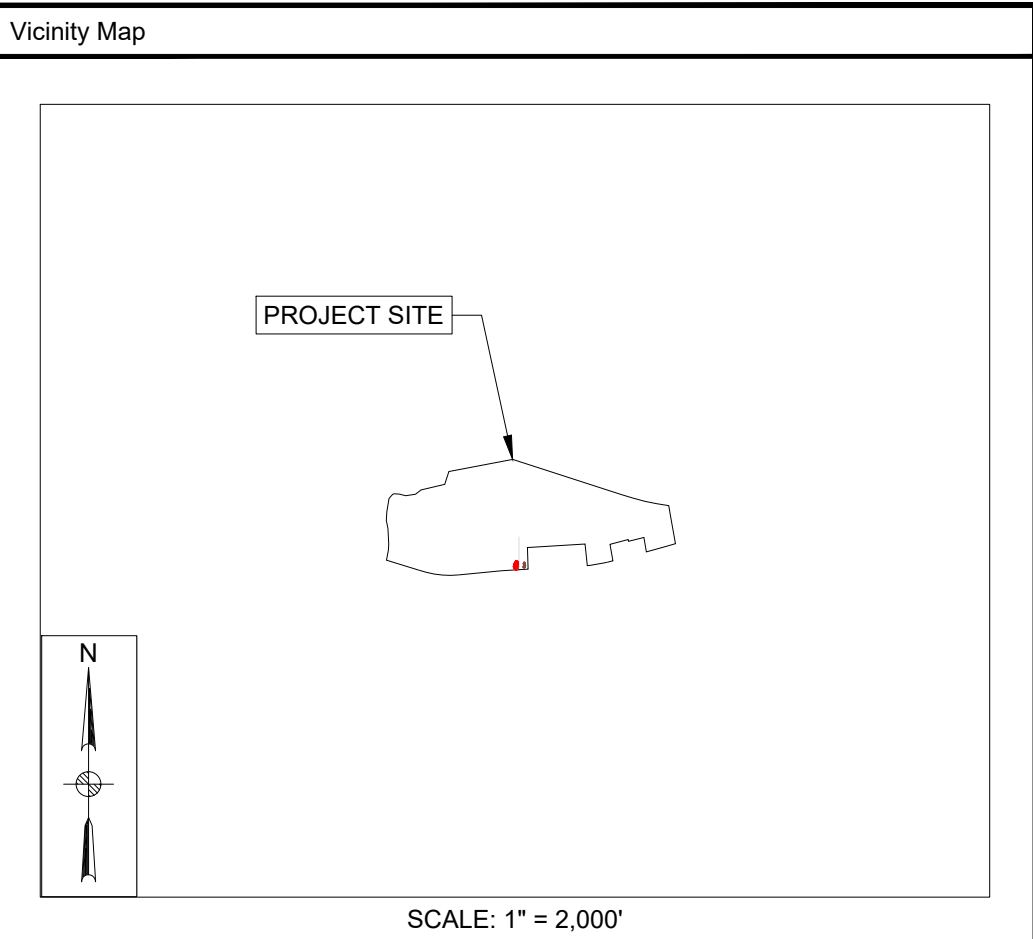
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Drawn	JWD	Approved	CC
	SEP		
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Drawing Number	C-204		

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Site Data

PARCEL GRID # PID 3-1-72	PROPERTY OWNER GARY F. JOHNSON	SITE ADDRESS 190 GREYCOURT ROAD CHESTER, NY 10918
JURISDICTION TOWN OF CHESTER	ZONING OFFICE PARK (OP)	ACRES 22.9

Legend

---	PROJECT BOUNDARY
---	EXISTING SETBACK
---	EXISTING TREELINE
---	EXISTING OVERHEAD ELECTRIC LINE
---	EXISTING RIGHT OF WAY
---	EXISTING ROADWAY
---	PROPOSED ACCESS ROAD
---	PROPOSED DETENTION AREA
---	PROPOSED LAYDOWN AREA
X	PROPOSED FENCE
LoD	PROPOSED LIMITS OF DISTURBANCE
---	WETLAND HATCH

B	4/8/22	JRH	ISSUED FOR PERMIT	EMC	CC
A	2/4/22	JWD	ISSUED FOR PERMIT	EMJ	CC
Rev	Date	Drawn	Description	Ch'k'd	App'd

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Buffalo, NY 14202

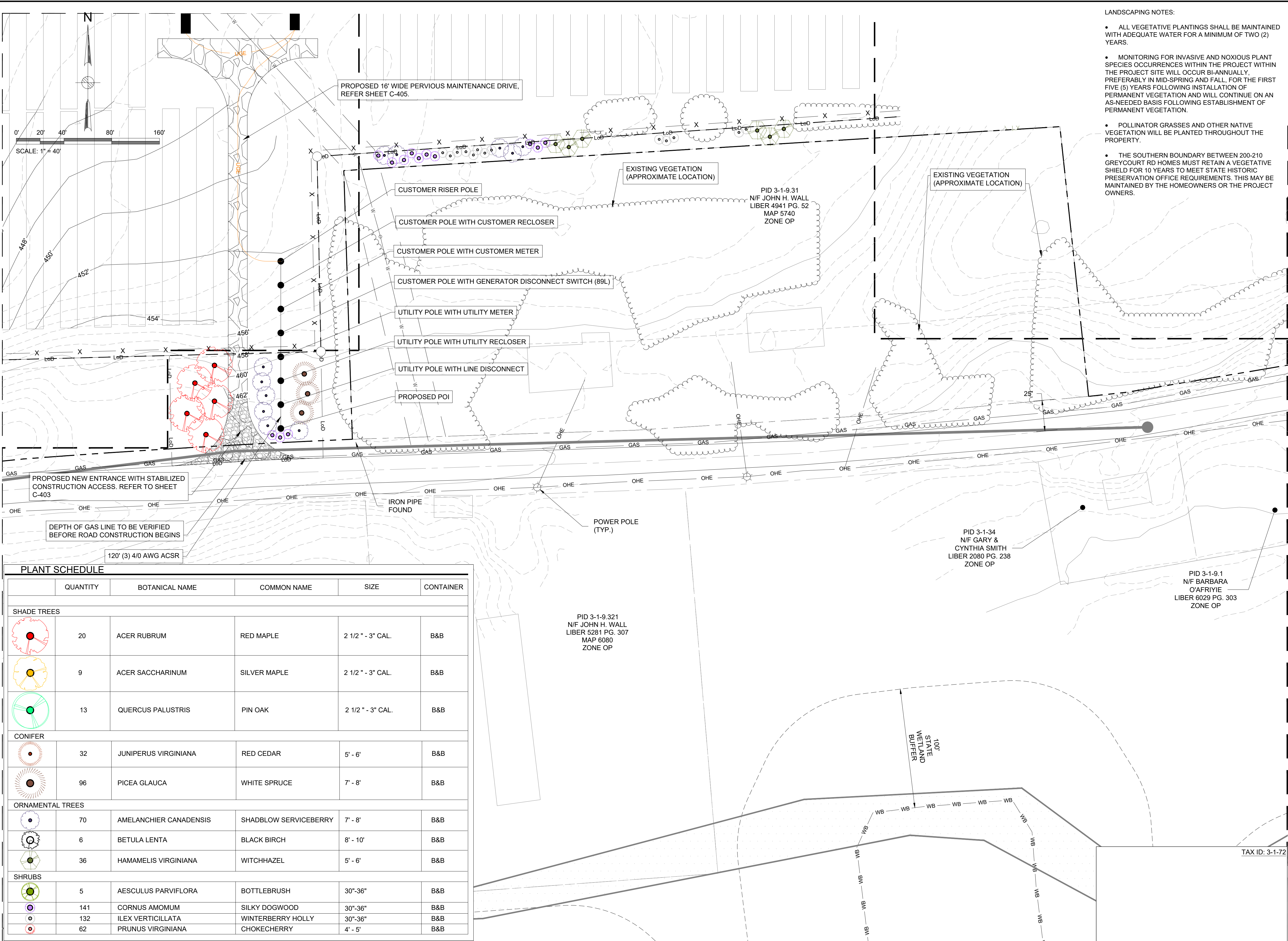
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W www.mottmac.com

Client
NY SOLAR 1001, LLC

Title
**GREYCOURT ROAD SOLAR PROJECT
LANDSCAPING PLAN (4 OF 5)**

Signature: *Christopher Andrew Cook*

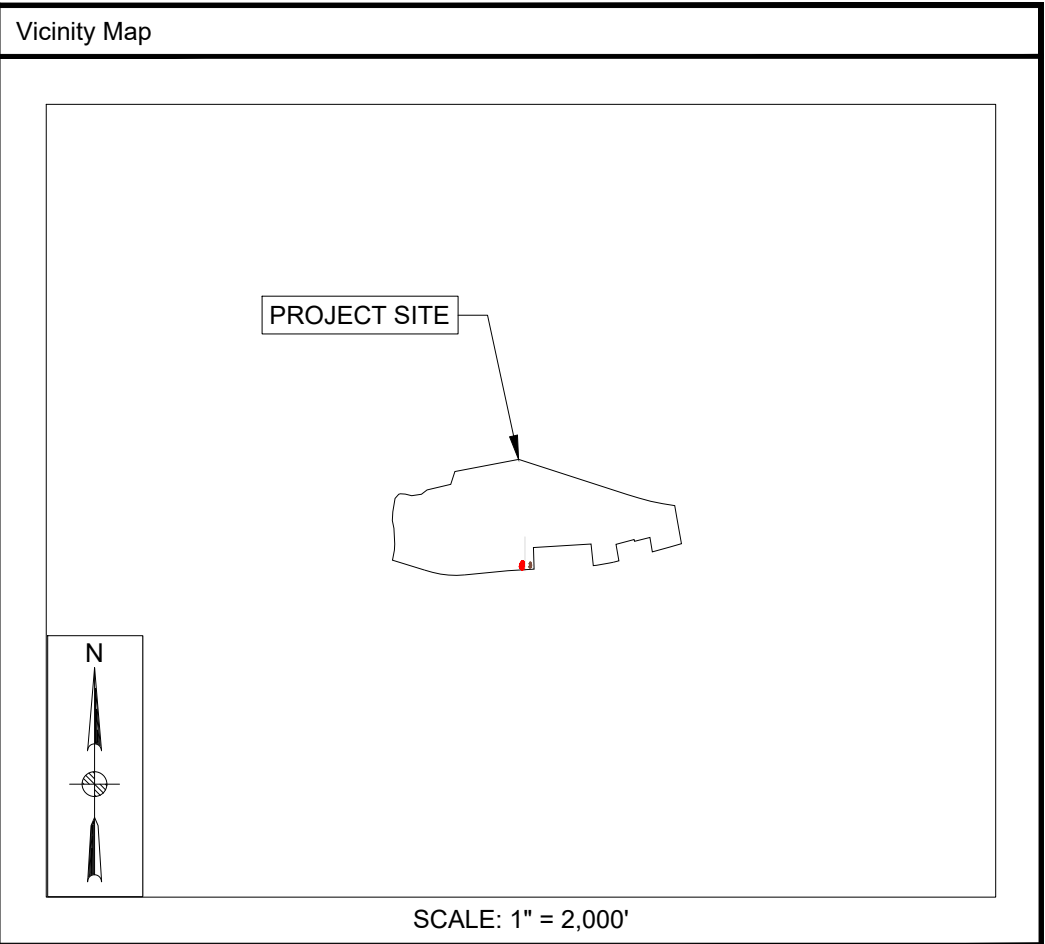
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Drawn	JWD	Approved	CC
Scale at ANSI D 1" = 40'	Date 2/4/2022	Rev B	
Drawing Number	C-205		



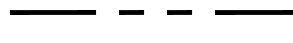



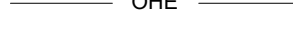

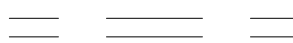

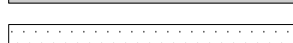
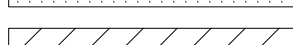
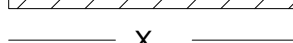
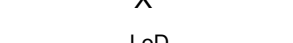
PLANT SCHEDULE					
	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER
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Site Data		
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JURISDICTION TOWN OF CHESTER	ZONING OFFICE PARK (OP)	ACRES 22.9

Legend	
	PROJECT BOUNDARY
	EXISTING SETBACK
	EXISTING TREELINE
	EXISTING OVERHEAD ELECTRIC LINE
	EXISTING RIGHT OF WAY
	EXISTING ROADWAY
	PROPOSED ACCESS ROAD
	PROPOSED DETENTION AREA
	PROPOSED LAYDOWN AREA
	PROPOSED FENCE
	PROPOSED LIMITS OF DISTURBANCE
	WETLAND HATCH

B	4/8/22	JRH	ISSUED FOR PERMIT	EMC	CC
A	2/4/22	JWD	ISSUED FOR PERMIT	EMJ	CC
Rev	Date	Drawn	Description	Ch'k'd	App'd




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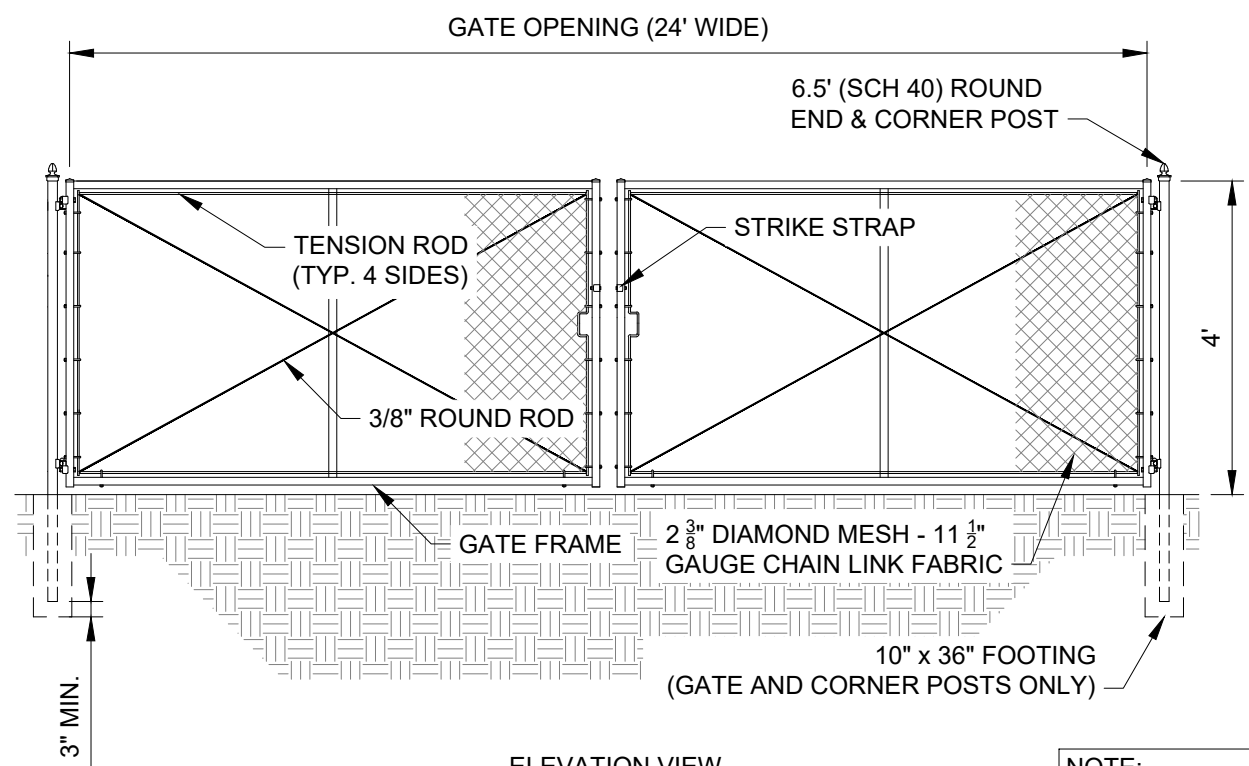
Client
NY SOLAR 1001, LLC

Title
**GREYCOURT ROAD SOLAR PROJECT
LANDSCAPING PLAN (5 OF 5)**



Designed	EMJ	Check	EMJ
Drawn	JWD	Approved	CC
	SEP		
Scale at ANSI D 1" = 40'	Date 2/4/2022	Rev B	
Drawing Number	C-206		

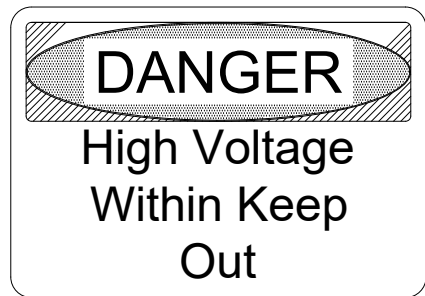
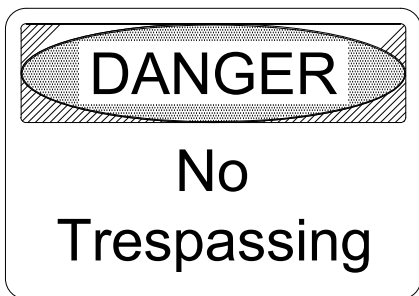
PRELIMINARY- NOT FOR CONSTRUCTION



1 ACCESS GATE DETAIL
SCALE: NTS

NOTE:
ALL FENCING MATERIALS TO BE BLACK
PVC COATED GALVANIZED STEEL.

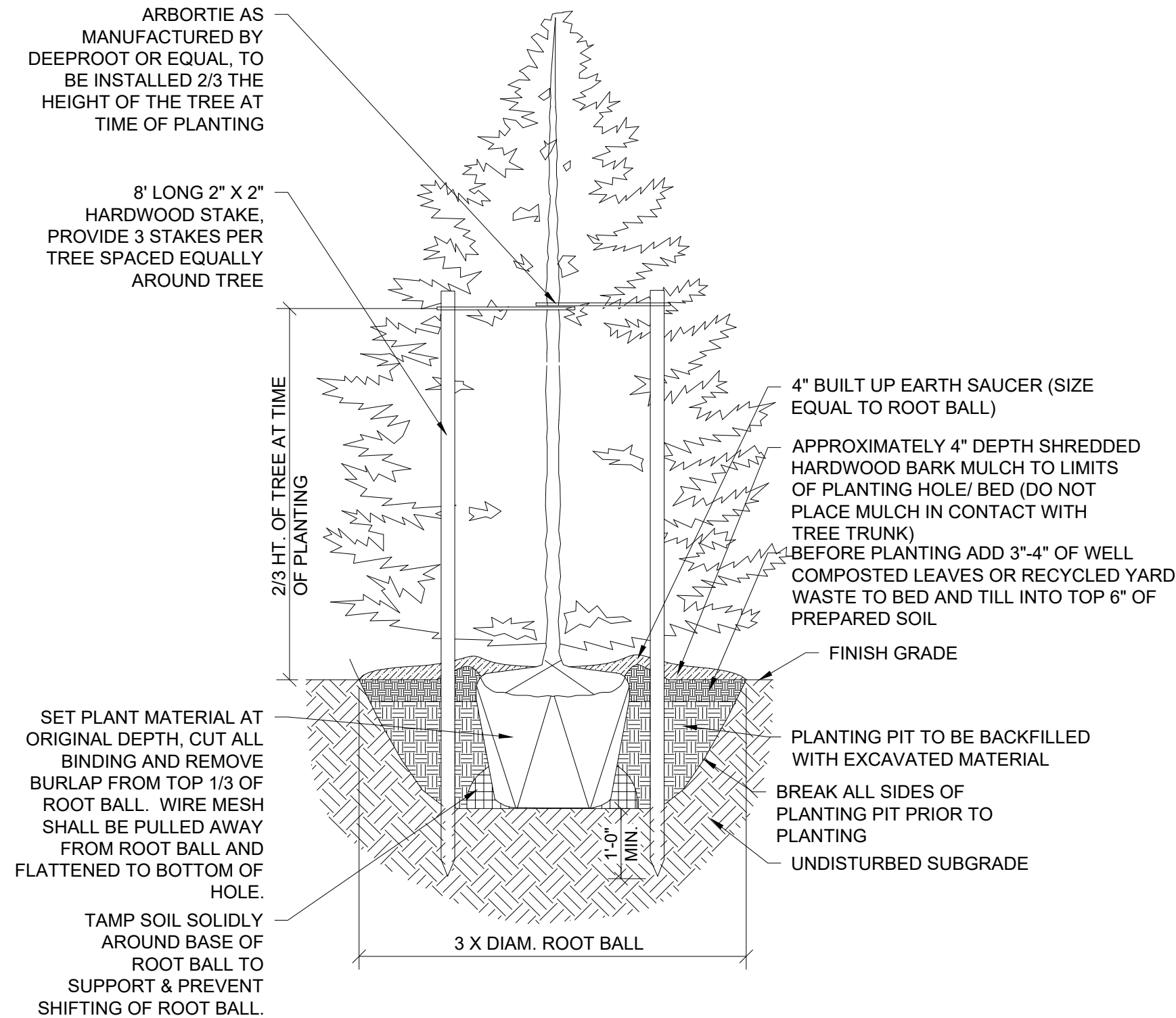
POST SCHEDULE: (SCH 40)
TERMINAL 2-3/8\"/>



NOTES

- SIGNS SHALL CONFORM TO THE 2013 OSHA AND ANSI REQUIREMENTS.
- SIGNS SHALL BE 20\"/>

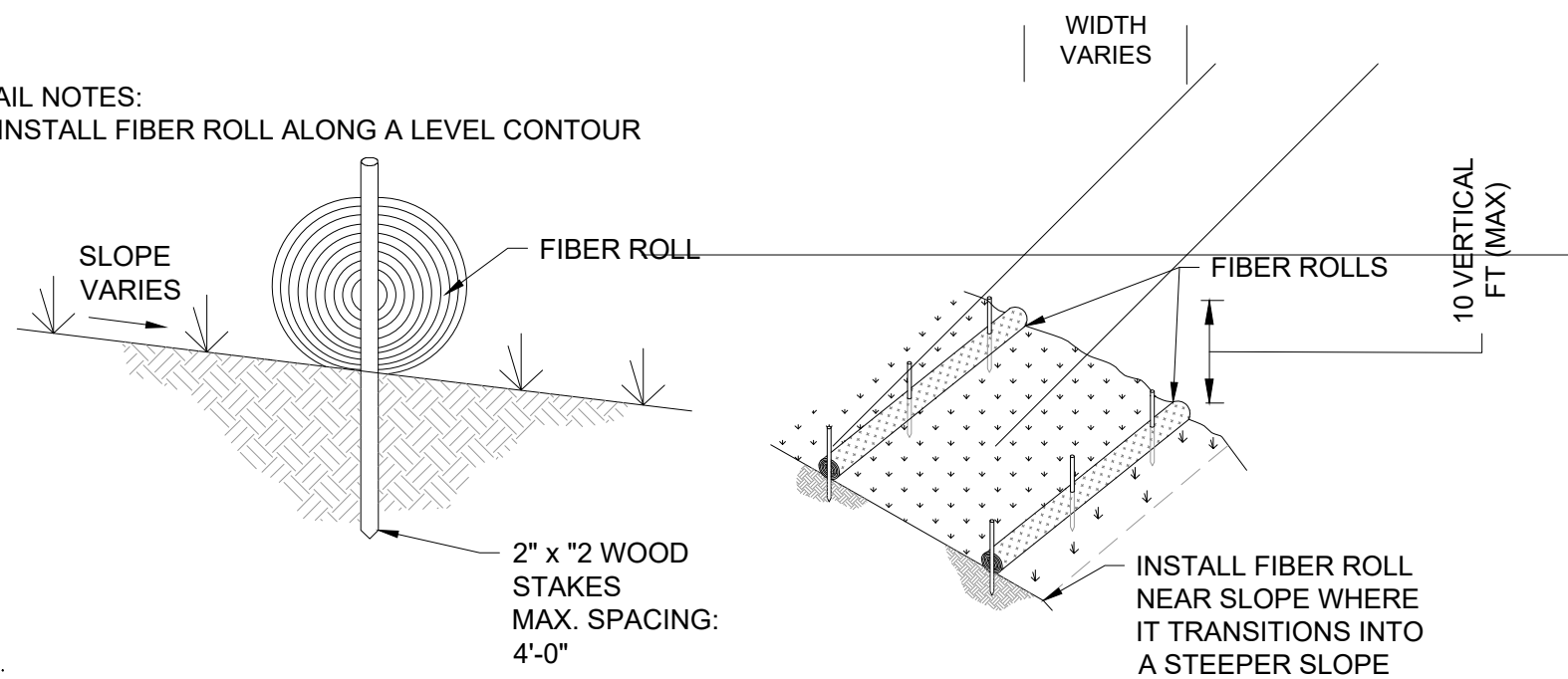
2 WARNING SIGN DETAILS
SCALE: NTS



7 CONIFEROUS TREE PLANTING DETAIL
SCALE: NTS

DETAIL NOTES:

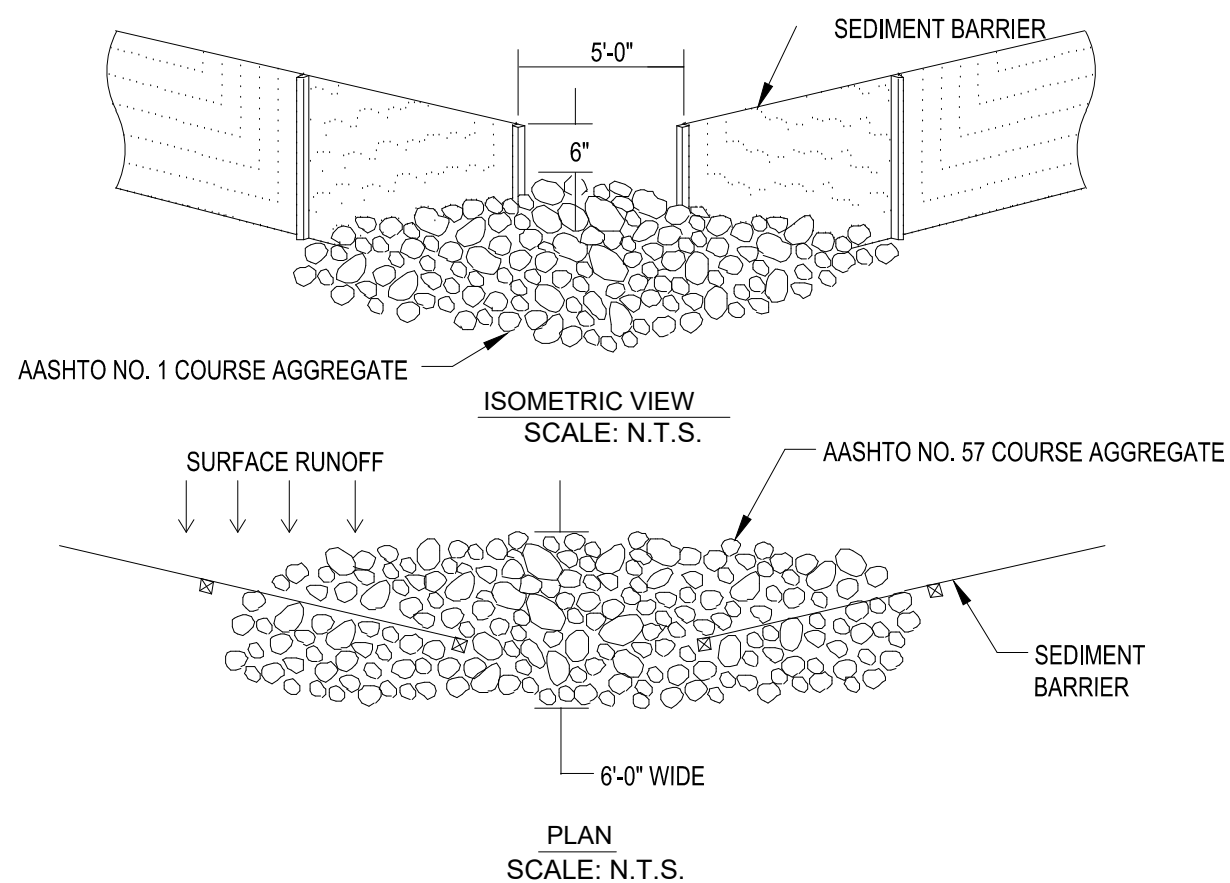
- INSTALL FIBER ROLL ALONG A LEVEL CONTOUR



NOTES:

- LOCATE THE FIBER ROLLS DOWN SLOPE OF ALL DISTURBED SOIL (CUT AND FILL) AREAS TO CONTROL SEDIMENT TRANSPORT AND REDUCE OVERLAND FLOW VELOCITIES.
- FIBER ROLLS SHALL BE ORIENTED PERPENDICULAR TO THE SLOPE (PARALLEL TO THE CONTOUR LINES ILLUSTRATED ON THE PLANS).
- FIBER ROLLS SHALL BE SPACED HORIZONTALLY TO OCCUR EVERY TEN (10) VERTICAL FEET OF SLOPE.
- LOCATIONS OF THE FIBER ROLLS ILLUSTRATED ON THE PLANS ARE CONCEPTUAL AND MAY BE FIELD ADJUSTED AS REQUIRED TO MATCH THE SOIL DISTURBANCES. THE INTENT IS TO LOCATE THE 1ST/ ROLL IMMEDIATELY DOWN SLOPE OF THE DISTURBED AREA AND TO REPEAT THE ROLL INSTALLATIONS EVERY 10 VERTICAL FEET OF SLOPE AS REQUIRED TO MATCH THE FIELD REQUIREMENTS.

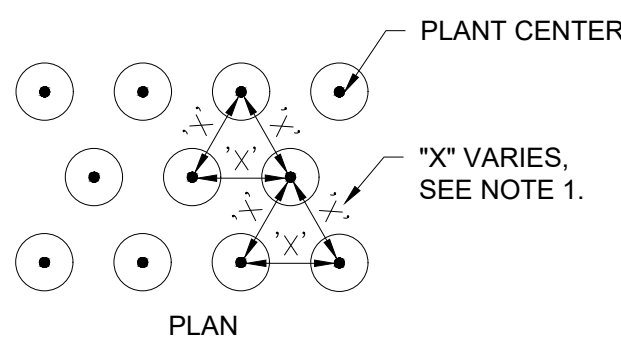
3 SLOPE PROTECTION DETAIL
SCALE: NTS



NOTES:

- ROCK FILTER OUTLETS SHALL BE PLACED ALONG SEDIMENT BARRIERS AS SHOWN ON THE PLAN. THE ROCK FILTER OUTLET IS NOT INTENDED TO BE PLACED IN STREAMS, RIVERS, CREEKS OR DITCHES WHICH NORMALLY HAVE FLOWING WATER.
- ONCE THE DISTURBED AREA IS STABILIZED, THE ROCK FILTER OUTLET SHALL BE REMOVED AND ANY DISTURBED AREAS CAUSED BY REMOVAL SHALL BE RETURNED TO ORIGINAL CONDITION AND REVEGETATED.
- THE ROCK UTILIZED IN THE ROCK FILTER OUTLET SHALL BE CLEANED OR REPLACED WHEN THE ACCUMULATION OF SEDIMENT IS SUCH THAT THE ROCK FILTER OUTLET CAN NOT EFFECTIVELY FILTER DISCHARGE WATER.
- INSTALL AASHTO NO. 1 COURSE AGGREGATE AT THE OUTLET SIDE OF THE SEDIMENT BARRIER AS SHOWN IN THE DETAIL. AFTER INSTALLING AASHTO NO. 1 COURSE AGGREGATE, INSTALL AASHTO NO. 57 COURSE AGGREGATE AT THE INLET SIDE OF THE SEDIMENT BARRIER TO CREATE AN ADEQUATE FILTER STONE FACE FOR THE OUTLET STRUCTURE.

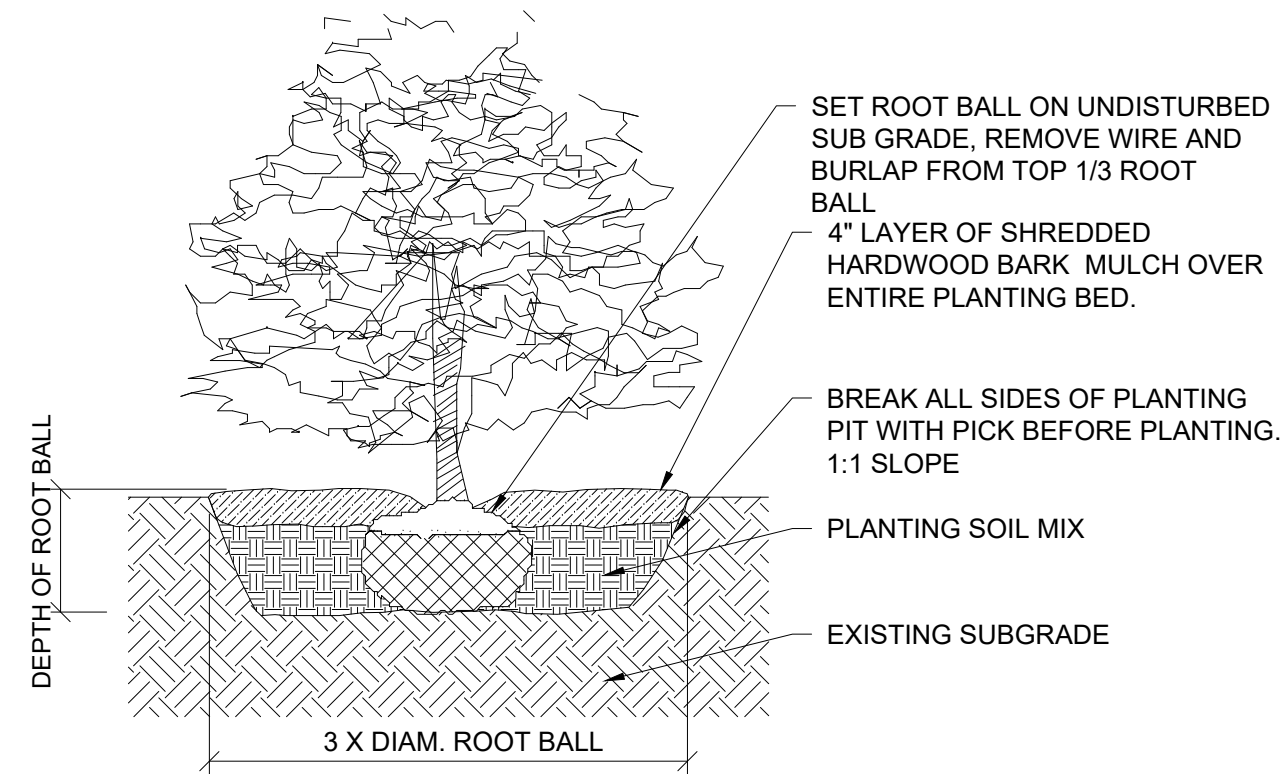
5 ROCK FILTER OUTLET
SCALE: NTS



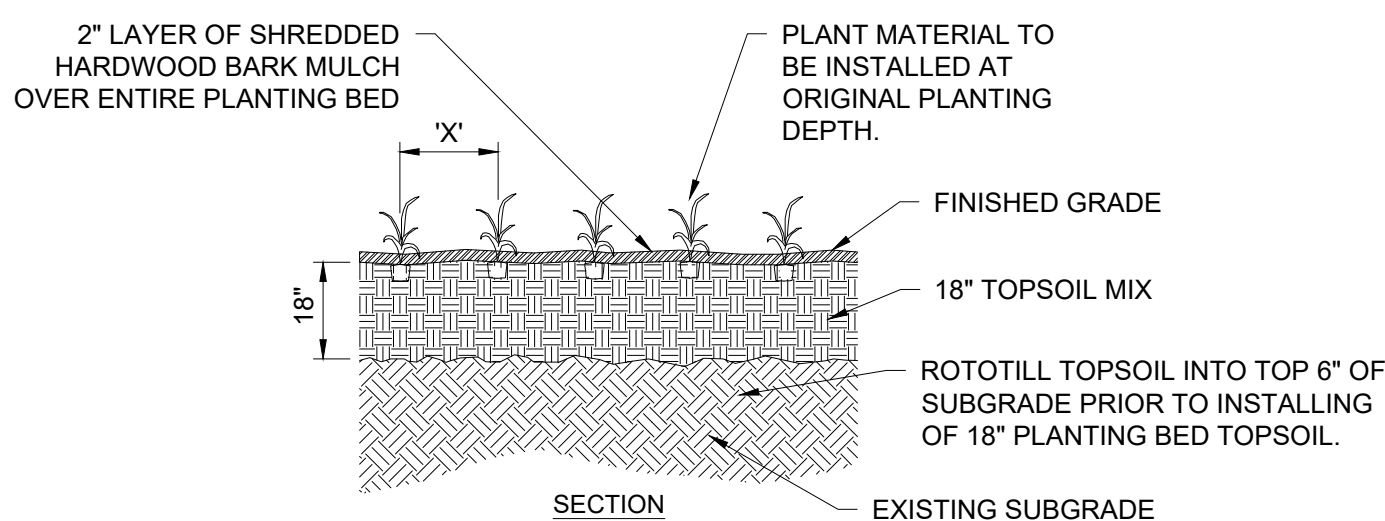
NOTES:

- SPACING VARIES FOR VEGETATIVE BUFFER TYPE A AND TYPE B, PER LANDSCAPE NOTES, SHEET C-403.
- PRIOR TO PLANTING, PLANTS TO BE REMOVED FROM CONTAINER AND ROOTS GENTLY COMBED OUT.

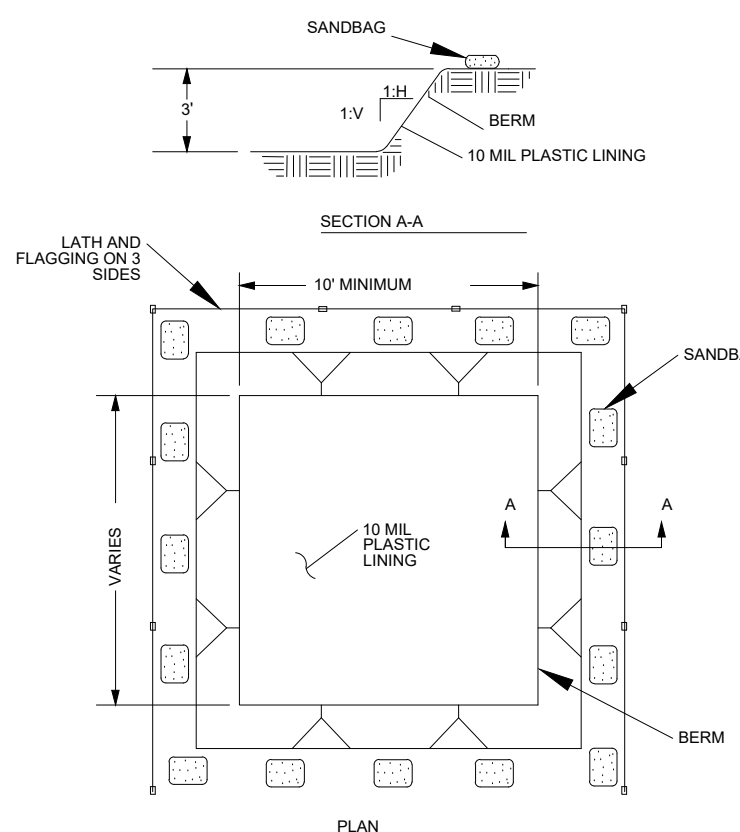
4 PLANTING SPACING DETAIL
SCALE: NTS



8 SHRUB PLANTING DETAIL
SCALE: NTS



9 GRASSES/ HERBACEOUS PLANTING DETAIL
SCALE: NTS



6 CONCRETE WASHOUT PIT
SCALE: NTS

CONIFEROUS TREE PLANTING NOTES:

- FOR CONTAINER GROWN TREES, USE FINGERS OR SMALL HAND TOOL TO PULL THE ROOTS OUT OF THE OUTER LAYER OF POTTING SOIL. THEN CUT OR PULL APART ANY ROOTS CIRCLING THE PERIMETER OF THE CONTAINER.
- INCORPORATE COMMERCIALY PREPARED MYCORRHIZAE SPORES IN THE SOIL IMMEDIATELY AROUND THE ROOTBALL AT RATES SPECIFIED BY THE MANUFACTURER.
- THOROUGHLY SOAK THE TREE ROOTBALL AND ADJACENT PREPARED SOIL SEVERAL TIMES DURING THE FIRST MONTH AFTER PLANTING AS PER MAINTENANCE SPECIFICATIONS.
- NORTH SIDE OF TREE TO BE IDENTIFIED ON TREE TRUNK WITH SEMI-PERMANANT MARKING POINT PRIOR TO DIGGING. NORTH ORIENTATION OF TREE TO BE MAINTAINED. ANY TREE WITHOUT NORTH ORIENTATION MARK WILL BE REJECTED BY PROJECT PROFESSIONAL.
- ROOT FLAIR/ COLLAR IS TO BE EXPOSED AT TIME OF PLANTING. CONTRACTOR TO REMOVE EXCESS SOIL FROM TOP OF ROOTBALL TO EXPOSE ROOT FLAIR/ COLLAR. ROOT FLAIR/ COLLAR TO BE VISIBLE AFTER PLANTING.
- WHEN PLANTING HOLE 1/2 FULL OF PLANTING SOIL THOROUGHLY SOAK PLANTING HOLE WITH WATER UNTIL SOIL IS TOTALLY SATURATED AND WILL NOT ABSORB ADDITIONAL WATER. THEN FILL WITH SOIL TO FINISH GRADE, ESTABLISH EARTH SAUCER, AND AGAIN THOROUGHLY SOAK.

Rev	Date	Drawn	Description	Ch'k'd	App'd
E	4/8/22	JLL	ISSUED FOR PERMIT	EMC	CC
D	2/4/22	MAA	ISSUED FOR PERMIT	EMJ	CC
C	12/28/21	DOW	ISSUED FOR PERMIT	EMJ	CC
B	10/29/21	DOW	ISSUED FOR PERMIT	SEP	CC
A	10/14/21	DOW	ISSUED FOR PERMIT	SEP	CC

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Client **NY SOLAR 1001, LLC**

Title **GREYCOURT ROAD SOLAR PROJECT CIVIL DETAILS**



Designed	EMJ	Check	EMJ
Drawn	DOW	Approved	CC
Scale at ANSI D	N/A	Date	2/4/2022
Drawing Number	C-402		

PRELIMINARY- NOT FOR CONSTRUCTION